

CLAIMS

1. A disc cartridge comprising

a disc; and

a main cartridge body unit having said disc rotatably housed therein and including a recording and/or reproducing aperture for exposing a portion of said disc to outside across inner and outer rims of said disc; wherein

an entrance part for a head unit provided to a recording and/or reproducing apparatus is formed in continuation to said recording and/or reproducing aperture, for entrance of at least a portion of said head part.

2. The disc cartridge according to claim 1 wherein said entrance part for said head unit is an opening continuing to said recording and/or reproducing aperture.

3. The disc cartridge according to claim 1 wherein a lateral surface of said entrance part for said head unit is an inclined surface for inhibiting abutment against said head part.

4. The disc cartridge according to claim 3 wherein said inclined surface is formed on the opposite side to the side continuing to said recording and/or reproducing aperture.

5. The disc cartridge according to claim 1 wherein said entrance part for said head unit is formed as a recess.

6. The disc cartridge according to claim 5 further comprising

a shutter unit for opening/closing said recording and/or reproducing aperture;

said entrance part for said head unit is formed in a surface on which slides said shutter unit in continuation to said recording and/or reproducing aperture.

7. The disc cartridge according to claim 6 wherein

a bent part for closing the space produced between said shutter member and said entrance part for said head unit when said shutter unit has been moved to a position of closing said recording and/or reproducing aperture is formed on one side of the shutter member of said shutter unit closing said recording and/or reproducing aperture.

8. The disc cartridge according to claim 4 wherein

a recessed shutter slide part is formed in an area of a surface of said main cartridge body unit, on which slides said shutter member, and wherein

said entrance part for said head unit is formed as a recess of a depth deeper than the depth of said shutter slide part.

9. A recording and/or reproducing apparatus comprising

a disc;

a main cartridge body unit having said disc rotatably housed therein and including a recording and/or reproducing aperture for exposing a portion of said disc to outside across inner and outer rims of said disc;

a cartridge loading unit for loading a disc cartridge thereon, said disc cartridge including a recess continuing to said recording and/or reproducing aperture; and

recording and/or reproducing means for recording and/or reproducing the information for the disc housed in said disc cartridge; wherein

when said recording and/or reproducing means is introduced via said recording and/or reproducing aperture for recording and/or reproducing the information for said disc, a portion of said recording and/or reproducing means is introduced into said recess.

10. The recording and/or reproducing apparatus according to claim 9 wherein said recording and/or reproducing means is composed of an objective lens and an optical block, and wherein

when said objective lens is introduced via said recording and/or reproducing aperture for recording and/or reproducing the information for said disc, said optical block is introduced into said recess.

11. A disc cartridge comprising

a disc; and

a main cartridge body unit having said disc rotatably housed therein and including a recording and/or reproducing aperture for exposing a portion of said disc to outside across inner and outer rims of said disc; wherein

the portion of said recording and/or reproducing aperture along the outer rim of said main cartridge body unit is opened by being formed with a cut-out extending from the loading surface on a recording and/or reproducing apparatus in a direction along the thickness of said disc.

12. The disc cartridge according to claim 11 wherein said cut-out is formed to a height at least equal to a height as from the loading surface to said recording and/or reproducing apparatus up to a setting surface for rotation driving means for said disc.

13. The disc cartridge according to claim 11 wherein said cut-out is formed so that, when said recording and/or reproducing means of said recording and/or reproducing apparatus is introduced into said recording and/or reproducing aperture for recording and/or reproduction in the vicinity of the outer rim of said disc, part of said recording and/or reproducing means is located outside of said main cartridge body unit.

14. The disc cartridge according to claim 11 wherein the inserting lateral side of said main cartridge body unit into the recording and/or reproducing apparatus is a substantially semicircular arcuate section, having a center corresponding to the center of the disc housed in said main cartridge body unit, and wherein said recording and/or reproducing aperture is formed facing to a lateral side of said main cartridge body unit other than said inserting lateral side arcuate in profile.

entrance part for said head unit first engagement piece 222 upper cartridge half 3
lower cartridge half 4